```
at page 9, line 9, replace "invest" with -Invest-;
      at page 12, line 11, replace the apostrophes around "healthy" with
quotation marks;-
      at page 12, line 19, delete the second instance of "as";
      at page 17, line 11, replace "processess" with -processes-;
      at page 18 line 26, replace oxireductase with -oxidoreductase-;
      at page 19, line 21, replace "flavenoid" with -flavonoid-;
      at page 23, line 14, replace "hemmorhagic" with -hemorrhagic-;
      at page 25, line 5, replace "surgey" with -surgery- and "particulaly"
with -particularly-;
      at page 25, line 6, replace "likely" with -likelihood-;
      at page 25, line 6, replace "compliations" with -complications-;
      at page 25, line 14, replace "protcol" with -protocol-;
      at page 25, line 18, replace "adminstered" with -administered-;
      at page 25, line 19, replace "adminstration" with - administration—;
      at page 25, line 21, replace "inhbitors" with -inhibitors-;
      at page 25, line 26, delete the second instance of "is";
      at page 26, line 3, replace "Thes" with -These-;
      at page 26, line 13, replace "immunassays" with -immunoassays-;
      at page 26, line 17, replace "determing" with -determining-;
      at page 27, line 13, replace the apostrophes around "preactivation" with
quotation marks;
      at page 27, line 14, replace the apostrophes around "resting" with
quotation marks:
      at page 37, line 31, replace "treatening" with -threatening-;
      at page 39 line 4, insert a space between "Futhan" and "is";
      at page 42, line 15, delete the second instance of "or";
      at page 43, line 5, replace "cardivascular" with -cardiovascular-;
      at page 43, line 6, replace "activatin" with -activation-;
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at page 46, line 5, replace "thereo" with -thereof-;
at page 46, line 12, replace "simulaneously" with -simultaneously-;
at page 46, line 28, replace "ablility" with -ability-;
at page 47/line 5, replace "plamsa" with -plasma-;
at page 47, line 9, replace "Because" with -Because-;
at page 47, line 13, replace "repsonse" with -response-;
at page 47/, line 14, insert a space between "in" and "a";
at page 47, line 26, replace "pancrease" with -pancreas-
at page 52, line 11, replace "rleads" with -leads-;
at page 55, line 16, replace "nicotenamide" with -nicotinamide-;
at page 57, line 13, replace "pancreat" with -pancreatic-;
at page 61 line 22, replace "Sigmal" with -Sigma-;
at page 62, line 11, replace "discontinuous" with -discontinuous-;
at page 62, line 15, replace "sterilfiltered" with -sterile filtered-;
at page 63. line 33, replace "fro" with -for-;
at page 65, line 3, replace "aboved" with -above-;
at page 65 line 8, replace "cse" with -case-;
at page 65 Line 26, delete the second instance of "as";
at page 69, line 4, replace "mportant" with -important-;
at page 74, line 9, replace "hy-potensive" with -hypotensive-;
at page 76 line 10, replace "waw" with -was-;
at page 76, line 11, insert —) between "peroxidation" and ".";
at page 77, line 26, replace "preprared" with -prepared-;
at page 78, line 17, replace "expermiments" with -experiments-;
at page 82, Jine 17, replace "permiting" with -permitting-;
at page 85, line 22, insert a space between "An" and "increase";
at page 88, line 6, replace "ishcemia" with -ischemia-;
at page 88, line 14, replace "responisible" with -responsible-;
at page 90, line 7, replace "qustion" with -question-;
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at page 95, line 30, replace "deterimine" with -determine-;
at page 97, line 1, replace "constituitively" with -constitutively-;
at page 99, line 25, replace "Activtors" with -Activators-;
at page 99, line 28, replace "pseodopod" with -pseudopod-;
at page 100, line 13, replace "non-filterd" with -non-filtered-;
at page 100, line 18, delete the "x" at the end of "concentrations";
at page 100, line 23, replace "repsonse" with -response-;
at page 101, lines 15 and 18, replace "neotrophil" with -neutrophil-;
at page 101, line 29, replace "neotrophils" with -neutrophils-;
at page 102, line 23, replace "vascutlure" with -vasculature-;
at page 102, line 26, replace "heatlh" with -health-;
at page 102, line 26, delete the second instance of "it";
at page 103, line 11, replace "neotrophils" with -neutrophils-;
at page 103, line 25, replace "deinozed" with -deionized-;
at page 104, line 2, replace "plasms" with -plasma-;
at page 104, line 9, replace "substituted" with -substituted-;
at page 104, line 17, replace "antocoagulant" with -anticoagulant-;
at page 104, line 24, replace "resuspended" with -resuspended-;
at page 104, line 27, replace "granulyte" with -granulocyte-;
at page 105, line 3, replace "steril" with -sterile-;
at page 105, line 8, replace "neotrophil" with -neutrophil-;
at page 105, line 24, replace "factore" with -factor-;
at page 106, line 2, replace "futher" with -further-;
at page 106, line 5, replace "filterd" with -filtered-;
at page 106, line 13, replace "Animales" with -Animals-
at page 106, line 23, replace "vigourously" with -vigorously-;
at page 106, line 30, replace "verfied" with -verified-;
at page 107, line 10, replace "Univeristy" with —University—;
at page 107, line 17, replace "degredation" with -degradation-;
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at page 107, line 18, replace "whihc" with -which-;
      at page 107, line 20, replace "appoximately" with -approximately-;
      at page 107, line 28, replace "controleed" with -controlled-;
      at page 108, line 28, replace "dimenthyl" with -dimethyl-;
      at page 109, line 11, replace "ineractions" with -interactions-;
      at page 109, line 12, replace "luceigenin" with -lucigenin-;
      at page 109, line 23, replace "posssibly" with -possibly-;
     at page 110, line 3, replace "analagous" with -analogous-;
      at page 110, line 8, replace "circulatin" with -circulating-;
      at page 110, line 29, replace "chemeluminescence" with
-chemiluminescence-;
      at page 111, line 3, replace "enothelial" with -endothelial-;
     at page 111, line 4, replace "demonstable" with -demonstrable-;
      at page 111, line 10, replace "chemiliminescence" with
—chemiluminescence—;
      at page 111, line 12, replace "tempurature" with -temperature-;
      at page 111, line 24, in "degranulationof" insert a space between
"degranulation" and "of";
      at page 111, line 27, replace "conponents" with -components-;
      at page 111, line 27, replace "neutrophils" with -neutrophil-;
      at page 111, line 27, insert a -.- after "membrane";
      at page 111, line 28, delete the "." at the beginning of the line;
      at page 112, line 1, replace "pseudophod" with -pseudopod-;
      at page 112, line 7, replace "analagous" with -analogous-;
      at page 112, line 8, replace "resuls" with -results-;
      at page 112, line 14, replace "orgigin" with -origin-;
      at page 112, line 15, replace "ove" with -over-;
      at page 112, line 22, replace "mau" with -may-;
      at page 112, line 23, replace "neurophils" with -neutrophils-;
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at page 112, line 23, replace "weigth" with -weight-;
     at page 113, line 4, replace "chemiluminesnence" with
-chemiluminescence-;
     at page 113, line 5, replace "pancretic" with -pancreatic-;
     at page 113, line 11, replace "wieght" with -weight-;
     at page 113, line 23, replace "augmentd" with -augmented-;
     at page 113, line 24, replace "chemilumimescence" with
-chemiluminescence-;
     at page 113, line 28, replace "repsonse" with -response-;
     at page 114, line 7, replace "autogolous" with -autologous-;
     at page 114, line 18, replace "chemiluminscence" with
-chemiluminescence-;
     at page 114, line 24, replace "attibute" with -attribute-;
     at page 115, line 5, replace "prodcution" with -production-;
     at page 115, line 14, replace "potenecy" with -potency-;
     at page 115, line 19, replace "adherenet" with -adherent-;
     at page 115, line 22, replace "repoducible" with -reproducible-;
     at page 115, line 27, replace "autogolous" with -autologous-;
     at page 115, line 28, replace "plamsa" with -plasma-;
     at page 116, line 2, replace "Becauase" with —Because—;
      at page 116, line 6, replace "repsonse" with -response-;
     at page 116, line 7, in "ina" insert a space between "in" and "a";
     at page 118, line 5, replace "pancrea" with -pancreas-;
     at page 129, line 8, replace "therepy" with -therapy-;
     at page 136, line 11, replace "leukocyte" with -leukocyte-;
     at page 136, line 11, replace "tetrazollum" with -tetrazolium-;
     at page 138, line 8, replace "bydrogen" with -hydrogen-;
     at page 138, line 9, replace "peroxi" with -peroxide-;
     at page 141, line 8, replace "partioned" with -partitioned-;
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